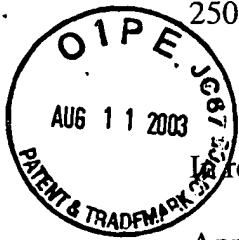


In the Drawings:

Please approve the drawing changes as shown in red on the attached marked-up Annotated Sheet Showing Changes of the drawings. A separate Submission of Formal Drawings incorporating the drawing changes is also enclosed.



2500.65308

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Late U.S. Patent Application)

Applicant: Tagawa et al.)

Serial No.: 09/808,253)

Conf. No.: 3355)

Filed: March 14, 2001)

For: MAGNETORESISTIVE)
TRANSDUCERHAVING)
STRONGER LONGITUDINAL)
BIAS FIELD)

Art Unit: 2652)

Examiner: Minh, L.)

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August 7, 2003

Date

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SUBMISSION OF FORMAL DRAWINGS

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Commissioner for Patents
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Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith is one (1) sheet of formal drawings to be substituted
for FIG. 4 (sheet 3 of 12) of the drawings initially filed in the above-identified
application. Please retain the remaining originally filed sheets.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

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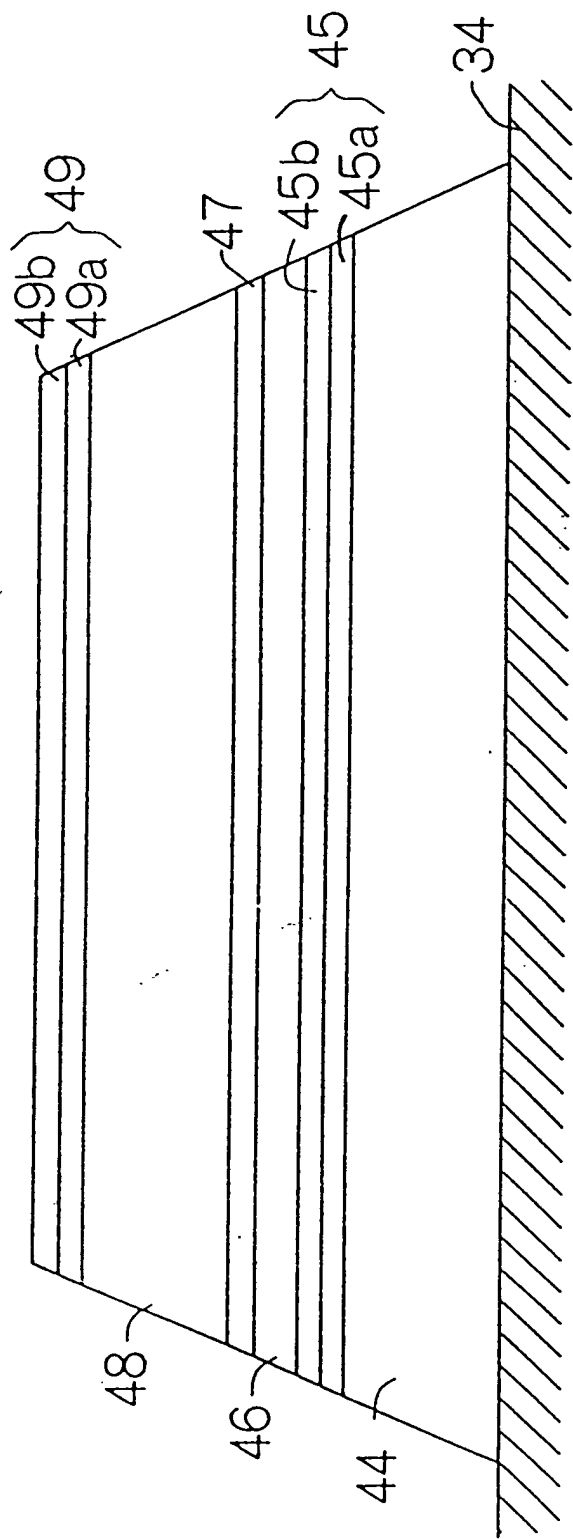


FIG. 4